Household Services Application

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Project details:

It is a multi-user app (requires one admin and other service professionals/ customers) which acts as a platform for providing comprehensive home servicing and solutions.
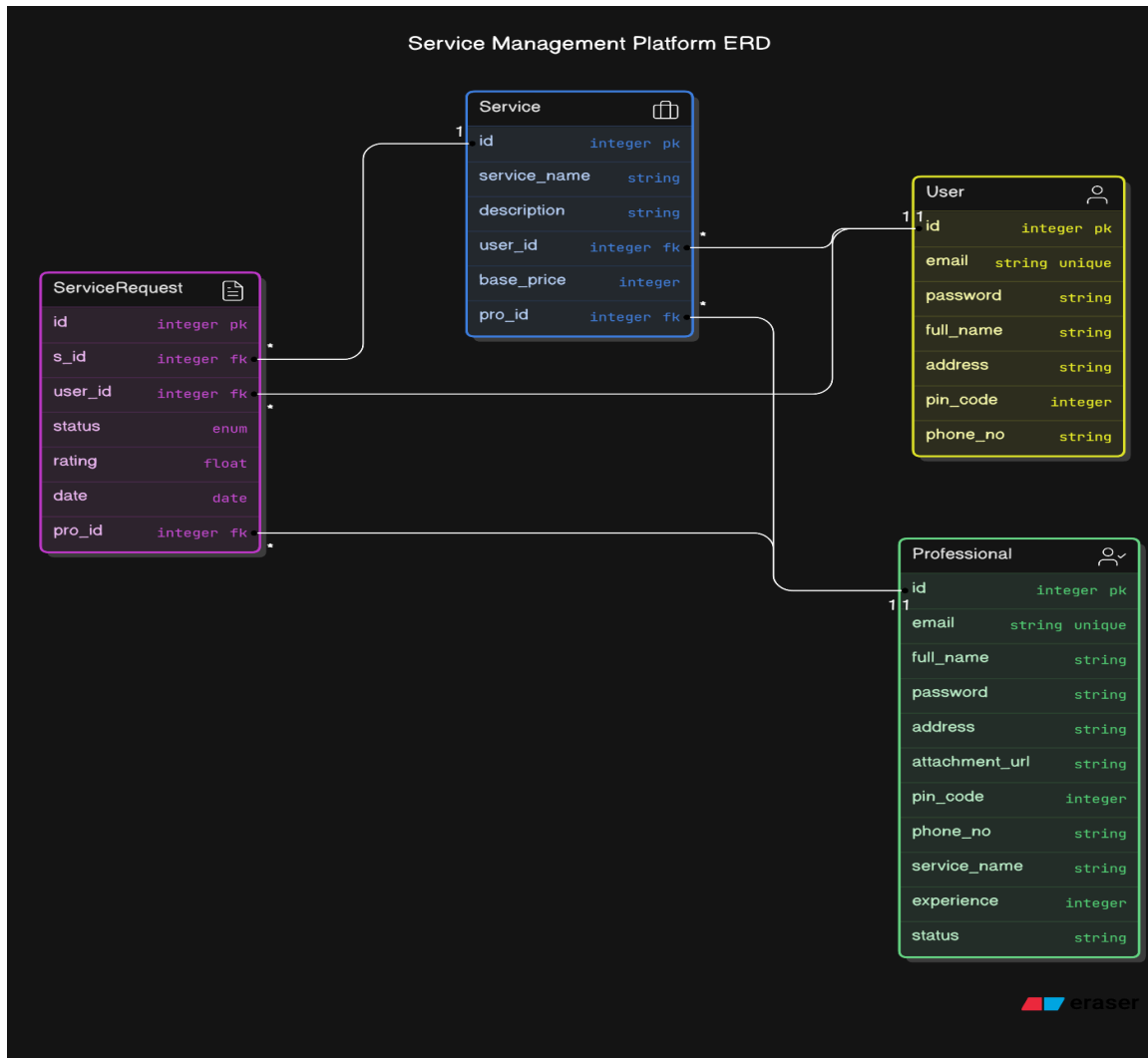
The A-Z Household Services application is a comprehensive platform designed to streamline household servicing solutions by connecting customers with service professionals. The application supports three key roles: Admin, Service Professional, and Customer.

Admin: The Admin is a superuser, in possession of complete control over the platform. Their responsibilities involve handling the user's accounts, verification of documents, acceptance of professional profiles, creation and update of services, which entails a base pricing along with the descriptions, and blocking of customers and service professionals when they are detected committing fraudulent activity or poor reviews. They can even search for the service professionals and track their activity or undertake any necessary action against them.

Professionals:Service Providers are registered users that provide particular services. Every provider provides a unique type of service and is allowed to see, accept, or reject service requests given by the clients. Also, the professionals close the service requests after finishing the task. They build trust within the platform as well as quality assurance with customer reviews filled in their profiles.

Customers :Customers are the primary service requesters who can register, login, and search for services based on name, location, or pin code. They can create, edit, and manage service requests, post reviews and remarks after service completion. The dynamic search functionality along with the provision of giving feedback ensures customers have access to the best services available according to their needs.

ER diagram:

Frameworks and libraries used:
Flask for application code
Jinja2 templates
Bootstrap for HTML generation and styling
SQLite for data storage

Drive link of the presentation video:
https://drive.google.com/file/d/1FR-k6KHupe7M0rWWVzD88hvjrea3oeVA/view?usp=sharing